

**GRANBY**  
**Cancer Incidence by Sex, 1993 - 1997**  
**Expected and Observed Case Counts, with Standardized Incidence Ratios**

|  | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |                                       | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <b><u>Bladder, Urinary</u></b>                       |            |            |            | <b><u>Melanoma of Skin</u></b>        |            |            |            |
| Male   | 3.54       | 1          | NC*        | Male                                  | 2.20       | 0          | NC*        |
| Female   | 1.23       | 2          | NC*        | Female                                | 1.70       | 1          | NC*        |
| Total  | 4.77       | 3          | NC*        | Total                                 | 3.90       | 1          | NC*        |
| <b><u>Brain and Other Central Nervous System</u></b> |            |            |            | <b><u>Multiple Myeloma</u></b>        |            |            |            |
| Male   | 1.22       | 2          | NC*        | Male                                  | 0.67       | 1          | NC*        |
| Female   | 1.02       | 5          | 489 ~+     | Female                                | 0.58       | 0          | NC*        |
| Total  | 2.24       | 7          | 312 #+     | Total                                 | 1.25       | 1          | NC*        |
| <b><u>Breast</u></b>                                 |            |            |            | <b><u>Non-Hodgkin's Lymphoma</u></b>  |            |            |            |
| Male   | 0.23       | 0          | NC*        | Male                                  | 2.92       | 0          | NC*        |
| Female   | 21.65      | 11         | 51 #-      | Female                                | 2.39       | 4          | NC*        |
| Total  | 21.88      | 11         | 50 #-      | Total                                 | 5.31       | 4          | NC*        |
| <b><u>Cervix Uteri</u></b>                           |            |            |            | <b><u>Oral Cavity and Pharynx</u></b> |            |            |            |
| Female   | 1.43       | 0          | NC*        | Male                                  | 2.45       | 2          | NC*        |
|  |            |            |            | Female                                | 1.10       | 2          | NC*        |
|  |            |            |            | Total                                 | 3.55       | 4          | NC*        |
| <b><u>Colon / Rectum</u></b>                         |            |            |            | <b><u>Ovary</u></b>                   |            |            |            |
| Male   | 9.02       | 8          | 89         | Female                                | 2.64       | 0          | NC*        |
| Female   | 7.83       | 6          | 77         |                                       |            |            |            |
| Total  | 16.85      | 14         | 83         |                                       |            |            |            |
| <b><u>Esophagus</u></b>                              |            |            |            | <b><u>Pancreas</u></b>                |            |            |            |
| Male   | 1.34       | 0          | NC*        | Male                                  | 1.39       | 0          | NC*        |
| Female   | 0.41       | 0          | NC*        | Female                                | 1.33       | 0          | NC*        |
| Total  | 1.74       | 0          | NC*        | Total                                 | 2.71       | 0          | NC*        |
| <b><u>Hodgkin's Disease</u></b>                      |            |            |            | <b><u>Prostate</u></b>                |            |            |            |
| Male   | 0.59       | 0          | NC*        | Male                                  | 22.48      | 17         | 76         |
| Female   | 0.45       | 1          | NC*        |                                       |            |            |            |
| Total  | 1.04       | 1          | NC*        |                                       |            |            |            |
| <b><u>Kidney and Renal Pelvis</u></b>                |            |            |            | <b><u>Stomach</u></b>                 |            |            |            |
| Male   | 2.15       | 3          | NC*        | Male                                  | 1.54       | 2          | NC*        |
| Female   | 1.22       | 1          | NC*        | Female                                | 0.83       | 0          | NC*        |
| Total  | 3.38       | 4          | NC*        | Total                                 | 2.37       | 2          | NC*        |
| <b><u>Larynx</u></b>                                 |            |            |            | <b><u>Testis</u></b>                  |            |            |            |
| Male   | 1.32       | 3          | NC*        | Male                                  | 0.83       | 3          | NC*        |

|   |       |    |     |   |        |     |       |
|---|-------|----|-----|---|--------|-----|-------|
| Female  | 0.36  | 0  | NC* |   |        |     |       |
| Total   | 1.69  | 3  | NC* |   |        |     |       |
| <b><u>Leukemia</u></b>                          |       |    |     | <b><u>Thyroid</u></b>                       |        |     |       |
| Male  | 1.57  | 2  | NC* | Male  | 0.45   | 0   | NC*   |
| Female  | 1.12  | 0  | NC* | Female                                      | 1.15   | 1   | NC*   |
| Total   | 2.69  | 2  | NC* | Total                                       | 1.60   | 1   | NC*   |
| <b><u>Liver and Intrahepatic Bile Ducts</u></b> |       |    |     | <b><u>Uteri, Corpus and Uterus, NOS</u></b> |        |     |       |
| Male  | 0.74  | 0  | NC* |   |        |     |       |
| Female  | 0.28  | 0  | NC* | Female                                      | 4.20   | 8   | 191   |
| Total   | 1.02  | 0  | NC* |   |        |     |       |
| <b><u>Lung and Bronchus</u></b>                 |       |    |     | <b><u>All Sites / Types</u></b>             |        |     |       |
| Male  | 11.82 | 6  | 51  | Male  | 73.46  | 52  | 71 #- |
| Female  | 8.60  | 8  | 93  | Female                                      | 66.12  | 55  | 83    |
| Total   | 20.43 | 14 | 69  | Total                                       | 139.58 | 107 | 77 ~- |

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels